

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 7-2005)		ATTORNEY'S DOCKET NUMBER DYA-0023
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (if known, see 37 CFR 1.5) NYA 10/567812
INTERNATIONAL APPLICATION NO. PCT/KR2004/002000	INTERNATIONAL FILING DATE 10 August 2004	PRIORITY DATE CLAIMED 13 August 2003
TITLE OF INVENTION DIVIDED-TYPED PISTON STRUCTURE HAVING GROOVE FOR ASSEMBLING A RIDER RING IN AIR COMPRESSOR		
APPLICANT(S) FOR DO/EO/US Yong-hak KIM		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input checked="" type="checkbox"/> Express Mail Label No. EV667962381US 		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <div style="font-size: 2em; font-weight: bold; text-align: center;">10/567812</div>	INTERNATIONAL APPLICATION NO. <div style="font-weight: bold; text-align: center;">PCT/KR2004/002000</div>	ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold; text-align: center;">DYA-0023</div>												
23. Other items or information: <div style="margin-left: 20px;">Claim for Priority</div>														
The following fees have been submitted:		CALCULATIONS PTO USE												
24. <input checked="" type="checkbox"/> Basic national fee \$300	\$	\$300.00												
25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article as an International Searching Authority. \$0 All other situations. \$200	\$	\$200.00												
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. \$400 All other situations. \$500	\$	\$500.00												
TOTAL OF 24, 25 and 26 =		\$ 1,000.00												
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">Total Sheets</td> <td style="width:20%;">Extra Sheets</td> <td style="width:40%;">Number of each additional 50 or fraction thereof (round up to a whole)</td> <td style="width:20%;">RATE</td> </tr> <tr> <td style="text-align: center;">36 - 100 =</td> <td style="text-align: center;">0 /50 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$250.00</td> </tr> </table>	Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE	36 - 100 =	0 /50 =	0	x \$250.00	\$	\$0.00				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE											
36 - 100 =	0 /50 =	0	x \$250.00											
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).														
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:20%;">CLAIMS</td> <td style="width:20%;">NUMBER FILED</td> <td style="width:40%;">NUMBER EXTRA</td> <td style="width:20%;">RATE</td> </tr> <tr> <td>Total claims</td> <td style="text-align: center;">1 - 20 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$50.00</td> </tr> <tr> <td>Independent claims</td> <td style="text-align: center;">1 - 3 =</td> <td style="text-align: center;">0</td> <td style="text-align: center;">x \$200.00</td> </tr> </table>	CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	Total claims	1 - 20 =	0	x \$50.00	Independent claims	1 - 3 =	0	x \$200.00	\$	\$0.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE											
Total claims	1 - 20 =	0	x \$50.00											
Independent claims	1 - 3 =	0	x \$200.00											
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00		\$ 0.00												
TOTAL OF ABOVE CALCULATIONS =		\$ 1,000.00												
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.														
SUBTOTAL =		\$ 1,000.00												
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).														
TOTAL NATIONAL FEE =		\$ 1,000.00												
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +														
TOTAL FEES ENCLOSED =		\$ 1,000.00												
Amount to be		\$												
Amount to be		\$												

10/567812

PTO-1390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 06-1130 in the amount of \$ \$1,000.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1130. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Cantor Colburn LLP
55 Griffin Road South
Bloomfield, CT 06002
Telephone No. 860-286-2929
Facsimile No. 860-286-0115

Amy Bizon-Copp
SIGNATURE

Amy Bizon-Copp

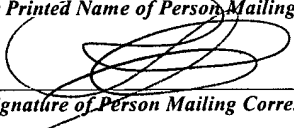
NAME

53,993

REGISTRATION NUMBER

February 9, 2006

DATE

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10) Applicant(s): Yong-hak KIM			Docket No. DYA-0023	
Application No. 10/567812 NYA	Filing Date 2/9/2006	Examiner NYA	Customer No. 23413	Group Art Unit NYA
Invention: DIVIDED-TYPED PISTON STRUCTURE HAVING GROOVE FOR ASSEMBLING A RIDER RING IN AIR COMPRESSOR				
<p>I hereby certify that the following correspondence:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> Trans Ltr To The US Desig/Elec Office (DO/EO/US) Concerning A Submission Under 35 U.S.C. 371; PCT Appl; Drawings, Exec Decl/POA; Recordation Form Cover Sheet w/Assign, Claim for Priority, Korean Patent Appl No. 20-2003-0026124, Cert of True Translation, IDS, Form PTO-1449 w/Two (2)cited refs., Auth to debit and/or cr Deposit Acct. No. 06-1130 -Filing Fee-\$1,000.00; Recordation Fee - \$40.00 - Postcard receipt <i>(Identify type of correspondence)</i> </div> <p>is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on</p> <div style="margin-top: 20px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;">February 9, 2006</p> <p style="text-align: center;"><i>(Date)</i></p> </div> <div style="width: 50%;"> <p style="text-align: center;">Paula Currie</p> <p style="text-align: center;"><i>(Typed or Printed Name of Person Mailing Correspondence)</i></p> <div style="text-align: center; margin-top: 10px;">  </div> <p style="text-align: center;"><i>(Signature of Person Mailing Correspondence)</i></p> <p style="text-align: center; margin-top: 10px;">EV667962381US</p> <p style="text-align: center;"><i>("Express Mail" Mailing Label Number)</i></p> </div> </div> </div>				
<p>Note: Each paper must have its own certificate of mailing.</p>				